

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/053,604	LIAO, SHENG HSIN	
	<b>Examiner</b>	<b>Art Unit</b>	
	Lawrence W Luk	2838	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/6/2004.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☒ The drawings filed on 24 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____.</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
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*Lawrence Luk*  
*Examiner*  
 5/5/04

***Allowable Subject Matter***

1. Claims 1-15 are allowed.

Claim 1 is allowable. The reason for allowance is that the prior art of record fails to disclose or reasonably suggest a portable multi-function charger, comprising: a body having a cavity therein; a circuit section arranged in the cavity and having a circuit board with a plurality of spring contacts; at least one input, an output socket, and an output cord each connected to the circuit board for detachably coupling a portable device to the circuit section. It is these features found in the claim, as they are claimed in the combination, which has not been found taught or suggested by the prior art of record, which makes this claim allowable over the prior art.

Claims 2-9 are allowed due to their dependency on claim 1.

Claim 10 is allowable. The reason for allowance is that the prior art of record fails to disclose or reasonably suggest an input end and an output cord connected to the circuit board for detachably coupling a portable device to the circuit section, the input end being connected to a plug, the plug being connected to a connector through an input cord; and a mounting stage connected to the body and the spring contacts extending into the mounting stage. wherein the output cord and the plurality of spring contacts provide for simultaneous charging of a plurality of portable devices. It is these features found in the claim, as they are claimed in the combination, which has not been found taught or suggested by the prior art of record, which makes this claim allowable over the prior art.

Claim 11 is allowed due to its dependency on claim 10.

Claim 12 is allowable. The reason for allowance is that the prior art of record fails to disclose or reasonably suggest an input end and an output cord connected to the circuit board for detachably coupling a portable device to the circuit section; and a mounting stage connected to the body and the spring contacts extending into the mounting stage, wherein the output cord and the plurality of spring contacts provide for simultaneous charging of a plurality of portable devices. It is these features found in the claim, as they are claimed in the combination, which has not been found taught or suggested by the prior art of record, which makes this claim allowable over the prior art.

Claims 13 and 15 are allowed due to their dependency on claim 12.

Claim 14 is allowable. The reason for allowance is that the prior art of record fails to disclose or reasonably suggest the mounting chamber has two connection tabs on both sides thereof and each of the connection tabs has a clamping section therein, the body has at least one clamping tooth on both sides thereof and resiliently engaged with the clamping section such that the mounting chamber is adjustably arranged on the body. It is these features found in the claim, as they are claimed in the combination, which has not been found taught or suggested by the prior art of record, which makes this claim allowable over the prior art.

**Conclusion**

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence W Luk whose telephone number is (571)272-2080. The examiner can normally be reached on 7 a.m. to 5 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on (571)272-2084. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LWL  
May 5, 2004

*Lawrence Luk*  
*examiner*  
*5/5/04*